

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) An electrolytic capacitor having a capacitor element fabricated by winding an anode foil, a cathode foil and a separator and impregnating the capacitor element with an electrolyte solution, an outer case for housing the capacitor element, and a sealing member for sealing an open part of the outer case, wherein that an electrolyte solution containing aluminum tetrafluoride salt is used as said electrolyte solution, and wherein a separator made of a heat resistant synthetic resin is used as the separator, wherein a partial cross-linking peroxide butyl rubber that peroxide is added as cross-linking agent to a butyl rubber polymer comprising a copolymer of isobutylene, isoprene, and divinylbenzene is used as the sealing member.

2. (previously presented) An electrolytic capacitor having a capacitor element fabricated by winding an anode foil, a cathode foil and a separator and impregnating the capacitor element with an electrolyte solution, an outer case for housing the capacitor element, and a sealing member for sealing an open part of the outer case, wherein that an electrolyte solution containing

aluminum tetrafluoride salt is used as said electrolyte solution, and wherein a mixed paper containing glass fiber is used as the separator, wherein a partial cross-linking peroxide butyl rubber that peroxide is added as cross-linking agent to a butyl rubber polymer comprising a copolymer of isobutylene, isoprene, and divinylbenzene is used as the sealing member.

3. (previously presented) An electrolytic capacitor according to claim 2, wherein an electrode foil subjected to a phosphate treatment is used as the anode electrode foil or the cathode electrode foil.

4. (cancelled).

5. (previously presented) An electrolytic capacitor according to claim 1, wherein an electrode foil subjected to a phosphate treatment is used as the anode electrode foil or the cathode electrode foil.

6. (cancelled).